FIG. 1

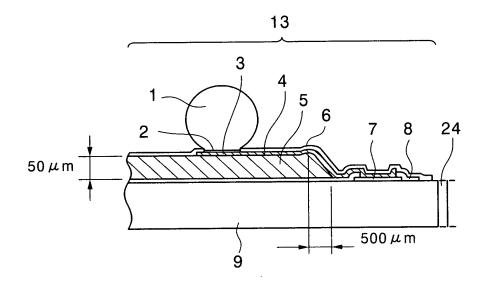


FIG. 2

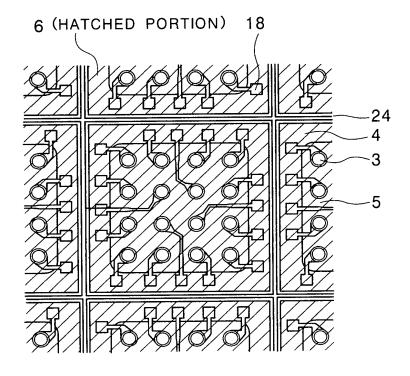


FIG. 3

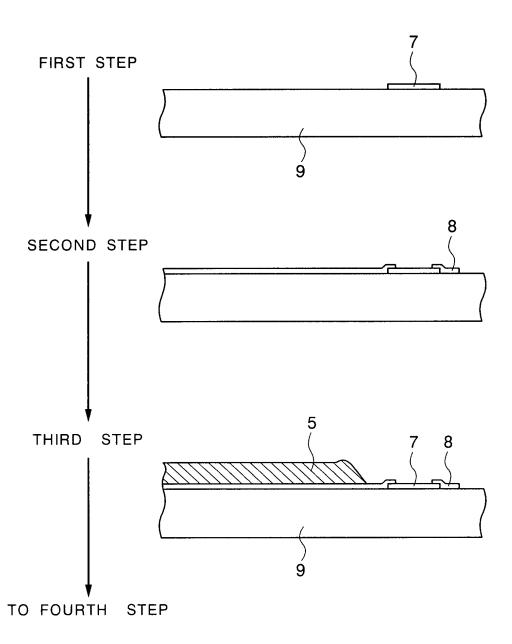


FIG. 4

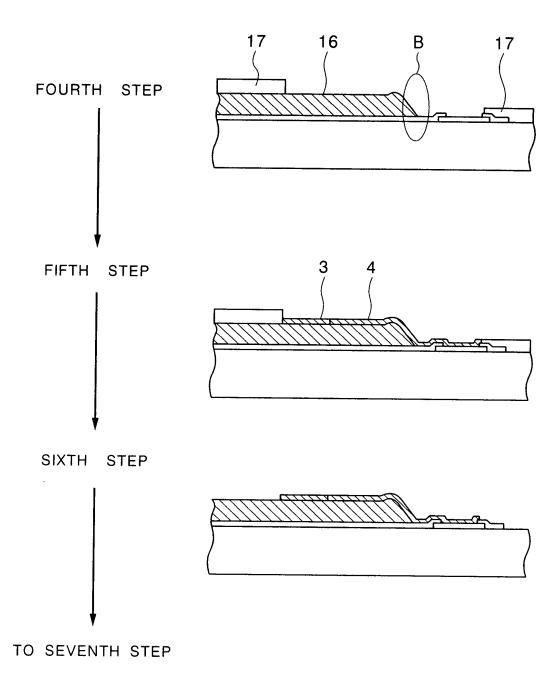


FIG. 5

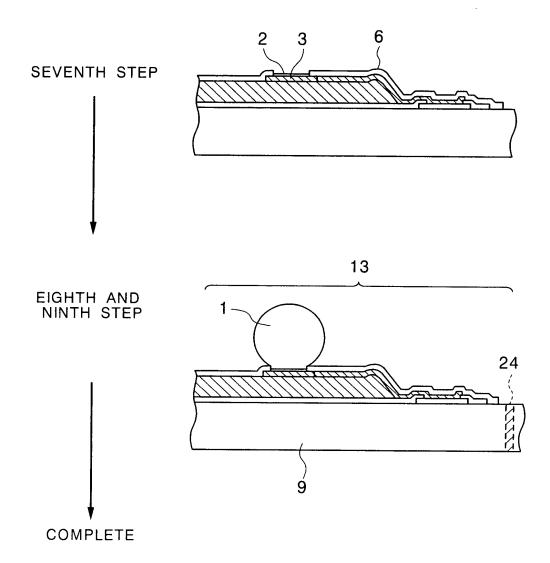


FIG. 6

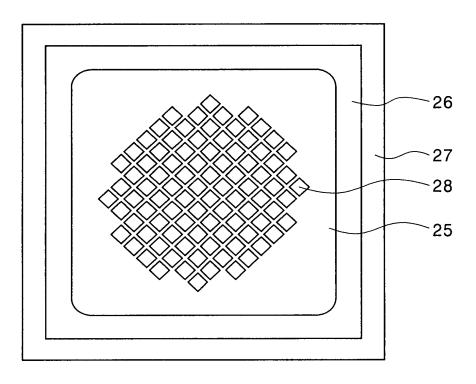


FIG. 7

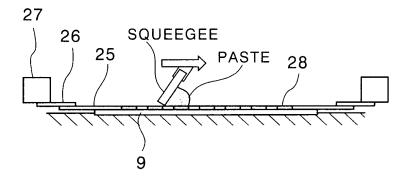


FIG. 8

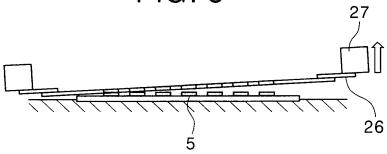


FIG. 9

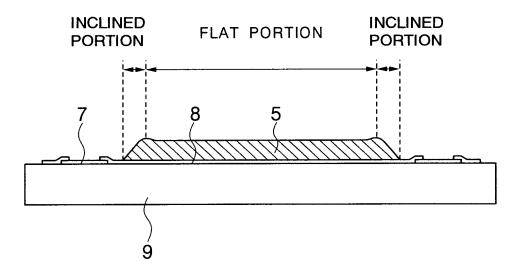


FIG. 10

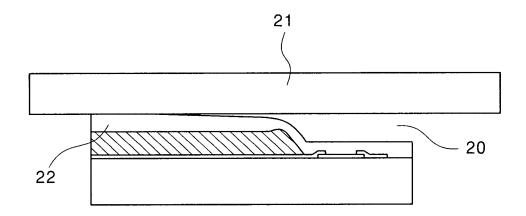


FIG. 11

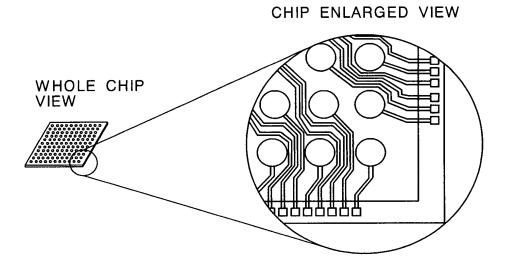


FIG. 12

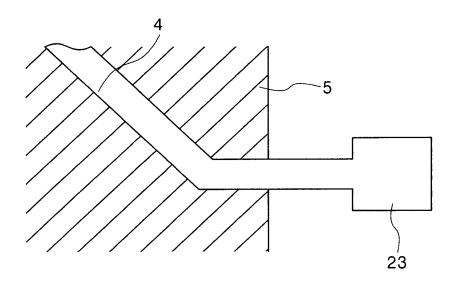


FIG. 13

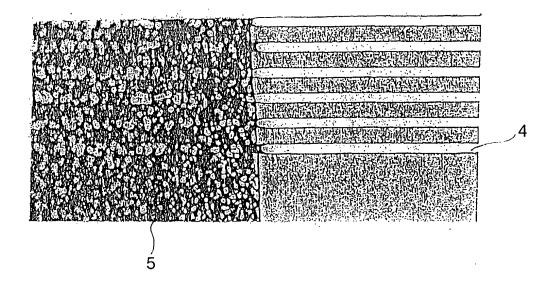


FIG. 14

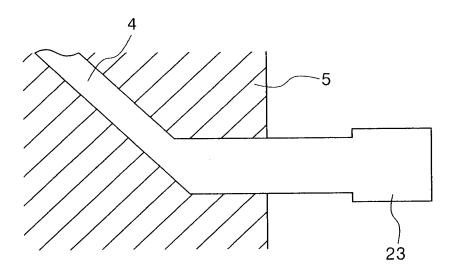


FIG. 15

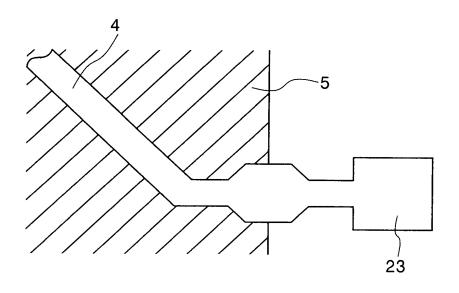


FIG. 16

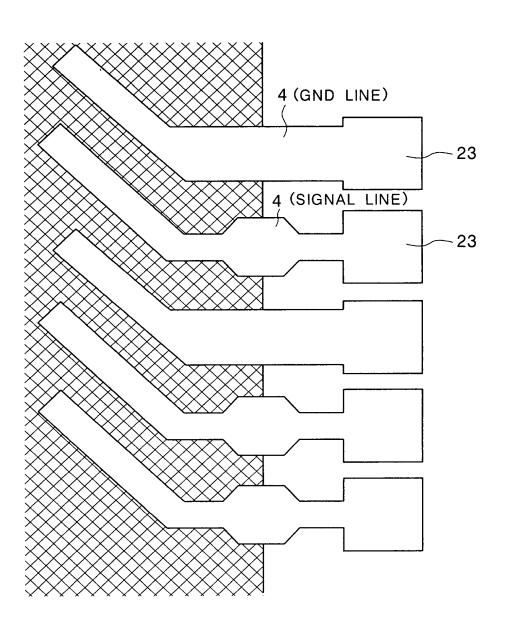


FIG. 17

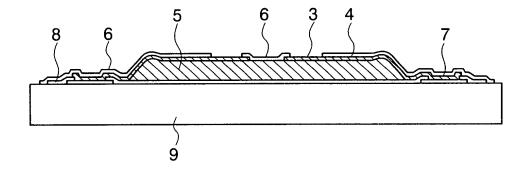


FIG. 18

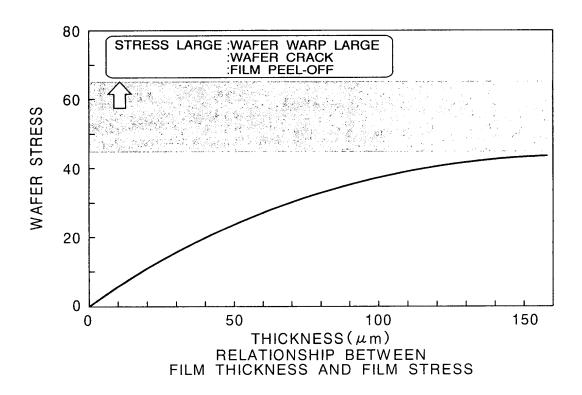


FIG. 19

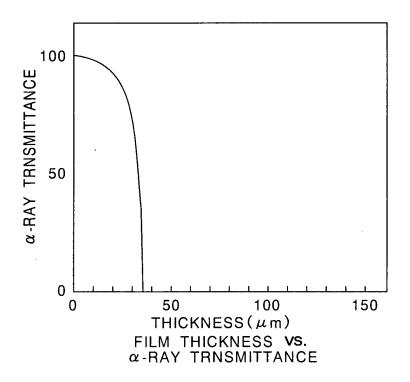


FIG. 20

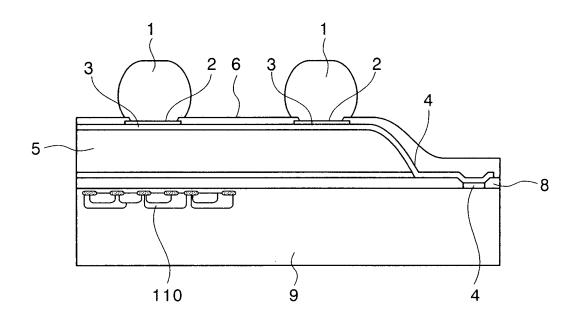


FIG. 21

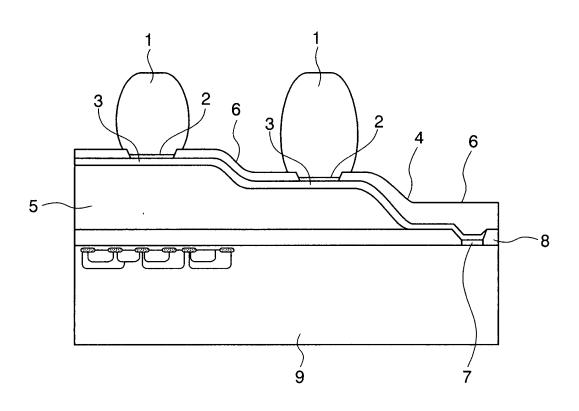


FIG. 22

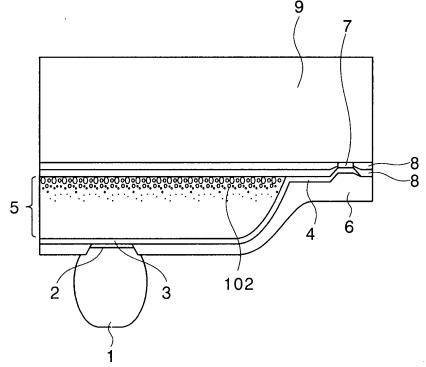


FIG. 23

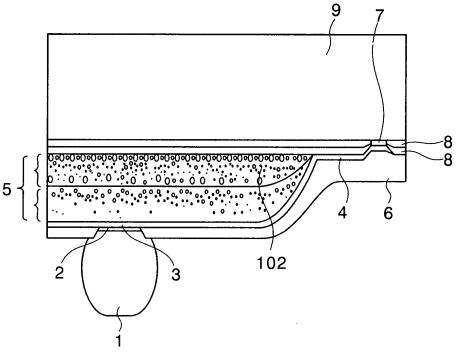


FIG. 24

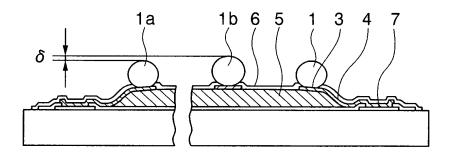


FIG. 25

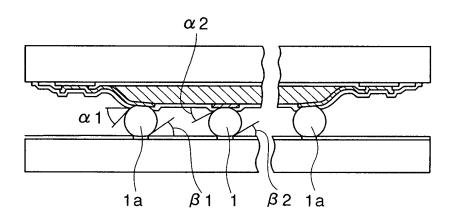


FIG. 26a

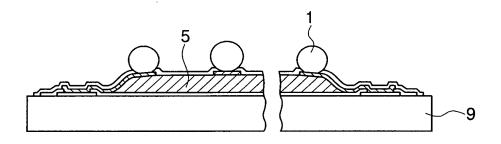


FIG. 26b

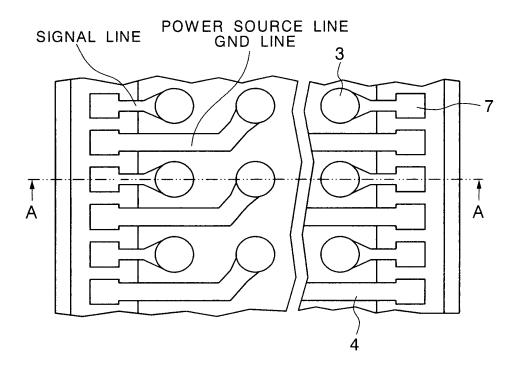


FIG. 27

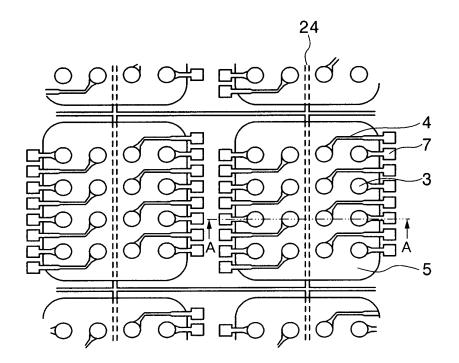


FIG. 28

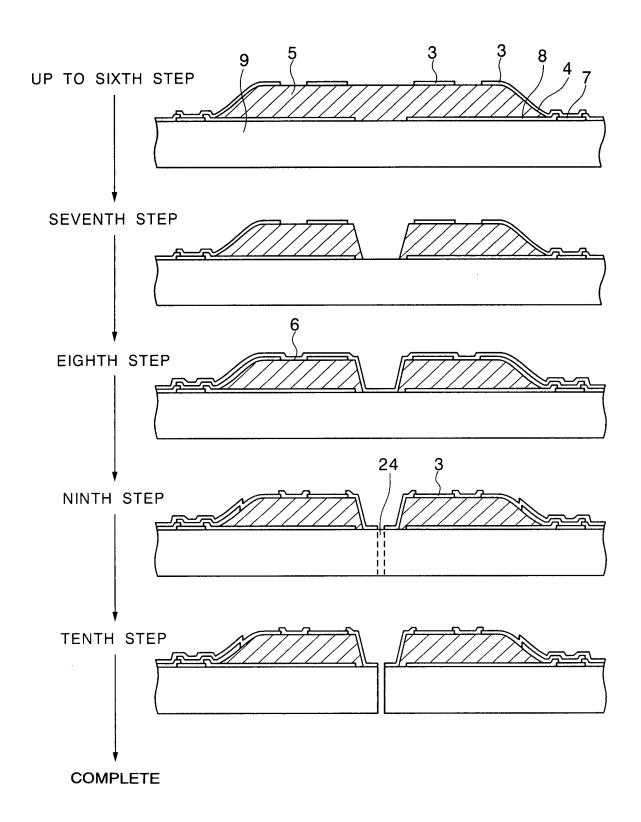


FIG. 29

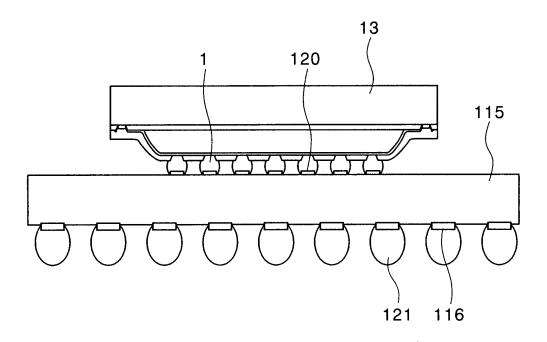


FIG. 30

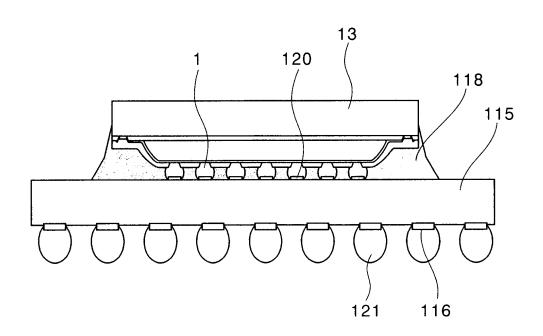


FIG. 31

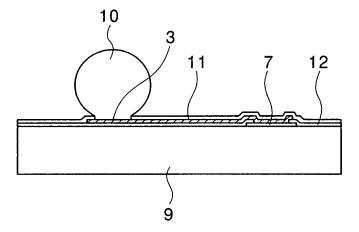
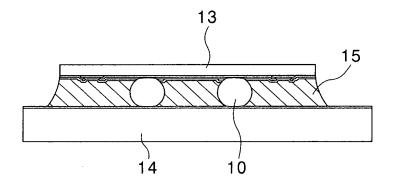


FIG. 32



## FIG. 33a

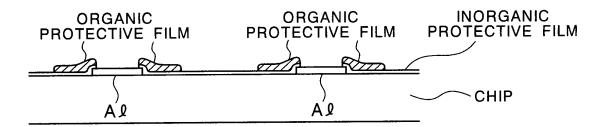


FIG. 33b

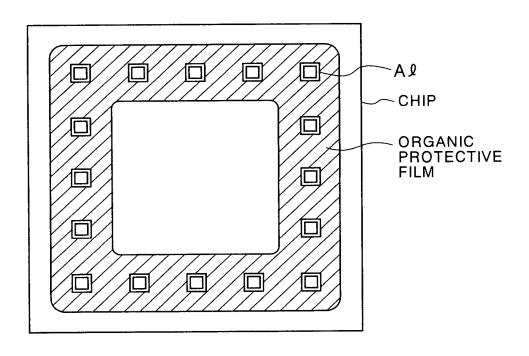


FIG. 34a

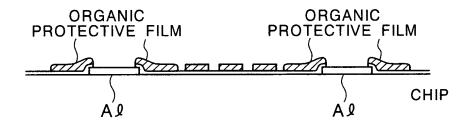


FIG. 34b

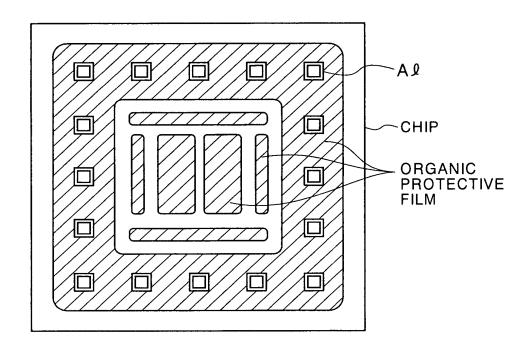
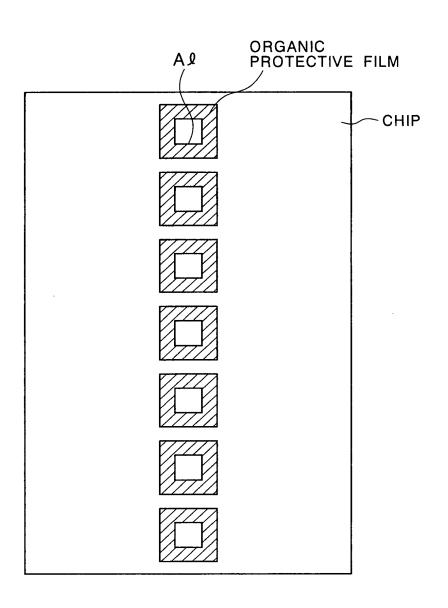


FIG. 35



## FIG. 36

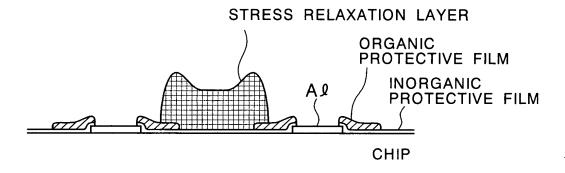


FIG. 37

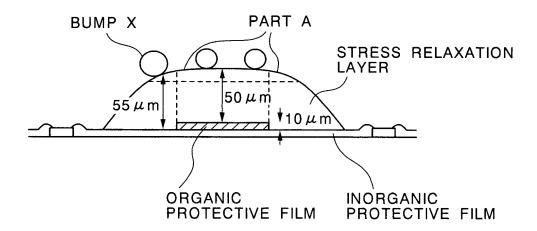


FIG. 38

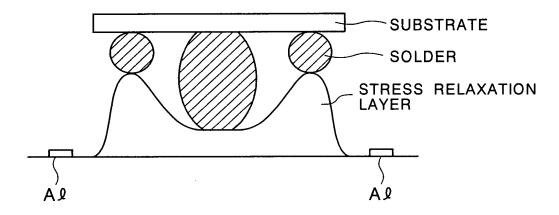


FIG. 39a

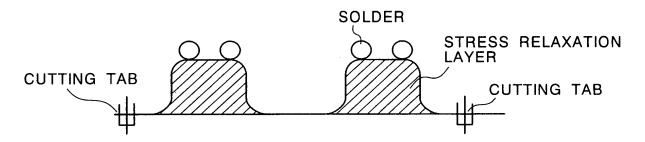


FIG. 39b

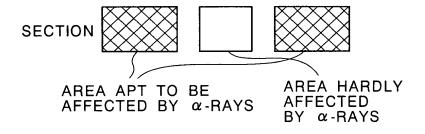


FIG. 39c

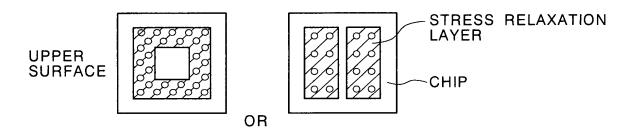


FIG. 40

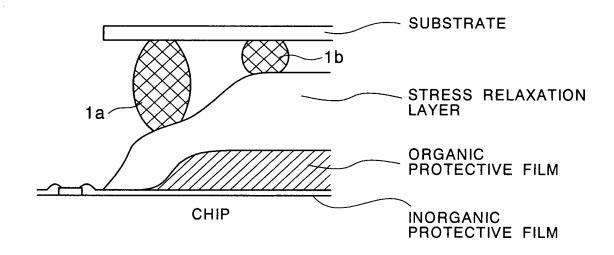
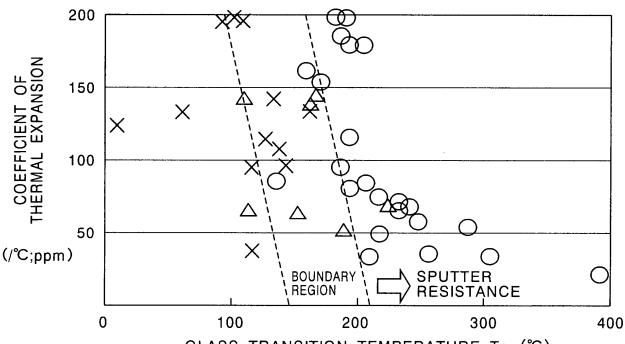


FIG. 41



GLASS TRANSITION TEMPERATURE Tg (℃)

PHYSICAL VALUES AND SPUTTER RESISTANCE OF STRESS RELAXATION LAYER CANDIDATE MATERIAL (X:OCCURRENCE OF CRACKS,△:OCCURRENCE OF WRINKLE, ○:NO ABNORMALITY)